

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 09272399
PUBLICATION DATE : 21-10-97

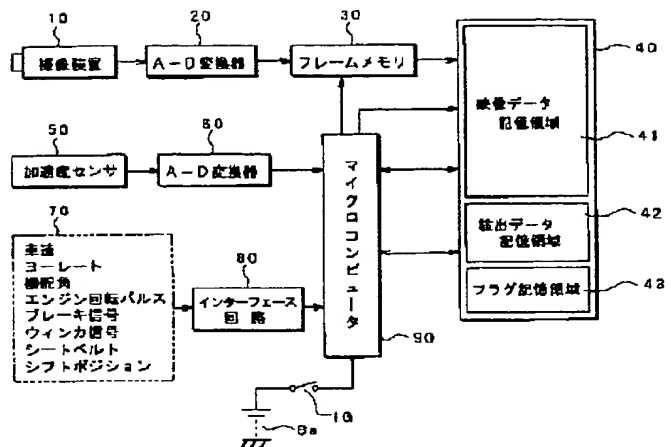
APPLICATION DATE : 08-04-96
APPLICATION NUMBER : 08085399

APPLICANT : NIPPON SOKEN INC;

INVENTOR : KIKUCHI TETSUO;

INT.CL. : B60R 21/34 B60R 11/04 B60R 21/00
B62D 41/00 H04N 7/18

TITLE : VEHICLE ACCIDENT STATE
RECORDER



ABSTRACT : PROBLEM TO BE SOLVED: To record data of a physical injury classified from others by judging it as the physical injury of a vehicle by a judgment means, when change in acceleration is in a pulsed deceleration state, in a case of storing a photographing state by a photographing means and a detection state by a detecting means in judging an accident.

SOLUTION: A vehicle accident state recorder is provided with a photographing device 10 such as a CCD camera, or the like, for photographing a state of the outside of a vehicle and its image signal is stored in a recorder 40 after A/D conversion. It is also provided with an acceleration sensor 50 and a sensor group 70 composed of various kinds of other sensors useful for analyzing an accident, and these output signal is inputted in a microcomputer 90. Acceleration caused by impact of the vehicle collided with another substance is detected by the acceleration sensor 50 and when the acceleration exceeds a prescribed threshold, it is detected to be occurrence of an accident. Then, when change in the acceleration of the vehicle is in a pulsed acceleration state, it is detected to be a collision accident of this vehicle with a human and its data is recorded classified from other accident data.

COPYRIGHT: (C)1997,JPO